## **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. SEC.736D

Total Pages in this Submission

### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.E.R. 1.53(b) is a new utility natent application for

and invented by:  KIM, Choung-Hyep JANC, Sung-II PARK, Kynng-Seo CHYUN, Ki-Hyon CHAE, Hee-Sun  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. Filling fee as calculated and transmitted as described below  2. Specification having 16 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) h. Detailed Description i. Claim(s) as Classified Below j. Abstract of the Disclosure	AP				R AN	D METHOD	OF I	HEAT-TREATING A WAFE	₹	U.S. PTO
KIM, Choung-Hyep JANC, Sung-II PARK Kyung-See CHTM, Kk-Hyon CHAE, Hee-Sun If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation    Divisional    Continuation-in-part (CIP) of prior application No.:  Ontinuation    Divisional    Continuation-in-part (CIP) of prior application No.:  Application Elements  1.  Filing fee as calculated and transmitted as described below  2.  Specification having	 and ir	vent	ed by	:						
□ Continuation ☑ Divisional □ Continuation-in-part (CIP) of prior application No.: 09/605,660  Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. ☒ Filing fee as calculated and transmitted as described below  2. ☒ Specification having 16 pages and including the following:  a. ☒ Descriptive Title of the Invention  b. □ Cross References to Related Applications (if applicable)  c. □ Statement Regarding Federally-sponsored Research/Development (if applicable)  d. □ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix  e. ☒ Background of the Invention  f. ☒ Brief Description of the Drawings (if filed)  h. ☒ Detailed Description  i. ☒ Claim(s) as Classified Below	KI JA PA CH CH	M, C NG, S RK, IYUN IAE,	houng Sung- Kyun I, Ki- Hee-S	g-Hye Il g-Seo Hyon Sun	p					2214
Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. Separation Filling fee as calculated and transmitted as described below  2. Separation Filling fee as calculated and transmitted as described below  2. Separation having 16 pages and including the following:  a. Descriptive Title of the Invention  b. Cross References to Related Applications (if applicable)  c. Statement Regarding Federally-sponsored Research/Development (if applicable)  d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix  e. Background of the Invention  f. Brief Summary of the Invention  g. Brief Description of the Drawings (if filed)  h. Detailed Description  i. Claim(s) as Classified Below	If a C	ONT	INUA	TION	AP	PLICATION,	chec	ck appropriate box and supply	the requisite information:	
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# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. SEC.736D

Total Pages in this Submission

**Application Elements (Continued)** 

3.	M	Drawing(s) (when necessary as prescribed by 35 USC 113)								
	a.	⊠ Formal Number of Sheets7								
	b.	☐ Informal Number of Sheets								
4.	X	Oath or Declaration								
	a.	☑ Newly executed (original or copy) ☐ Unexecuted								
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)								
	c.	☑ With Power of Attorney ☐ Without Power of Attorney								
	d.	☐ <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).								
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.								
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
7.		Application Data Sheet (See 37 CFR 1.76)								
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)								
	a.	☐ Computer Readable Form (CRF)								
	b.	☐ Specification Sequence Listing on:								
		i. D CD-ROM or CD-R (2 copies); or								
		ii. 🔲 Paper								
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy								
		Accompanying Application Parts								
9.		Assignment Papers (cover sheet & document(s))								
10.		37 CFR 3.73(B) Statement (when there is an assignee)								
11.		English Translation Document (if applicable)								
12.	$\boxtimes$	Information Disclosure Statement/PTO-1449   Copies of IDS Citations								
13.	X	Preliminary Amendment								
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)								
16.		Certificate of Mailing								
		☐ First Class ☐ Express Mail (Specify Label No.):								

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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**Accompanying Application Parts (Continued)** 17. Additional Enclosures (please identify below): Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. Warning An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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#### Fee Calculation and Transmittal

#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee Total Claims 5 - 20 = 0 \$18.00 \$0.00 Indep. Claims 1 - 3 = 0 \$86.00 \$0.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$770.00 OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$770.00 A check in the amount of \$770.00 to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. 50-0238 as described below. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment. ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Albowance, pursuant to 37 C.F.R. 1.311(b). Signature ADAM C. VOLENTINE Dated: APRIL 13, 2004 **REG. NO. 33289 VOLENTINE FRANCOS, PLLC** 12200 SUNRISE VALLEY DRIVE, SUITE 150 **RESTON VA 20191** cc: TEL. NO. (703) 715-0870